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Infra-red receiver.

A infra-red receiver for use in applications such as remote control of consumer equipment and receiving audio signals modulated on an IR carrier.

The receiver comprises an IR diode (10) which is operated in its forward mode so that it constitutes a current source. The IR diode (10) is connected in an amplifying circuit which includes means (16) for detecting low frequency interference components in the signal and in response to the detection of these interference components temporarily shorts out the IR diode.

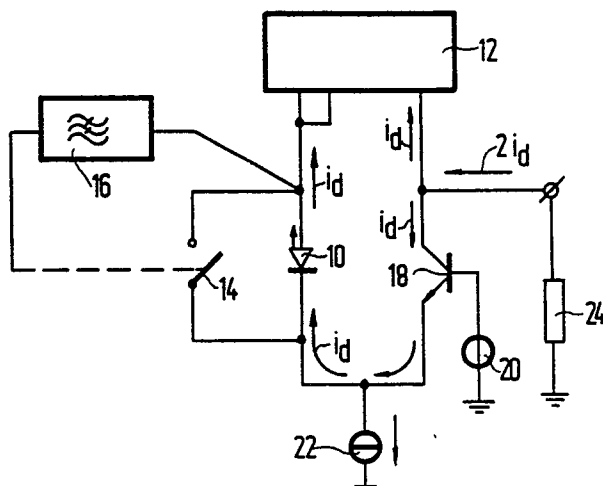


FIG.1



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
A	PATENT ABSTRACTS OF JAPAN, vol. 10, no. 117 (E-400)[2174], 2nd May 1986; & JP-A-60 250 707 (MATSUSHITA DENKO K.K.) 11-12-1985 * Abstract * ---	1-10	H 04 B 9/00
A	US-A-3 818 235 (JOHNSON) * Abstract; figure * ---	1-10	
A	WO-A-8 601 354 (AT & T) * Page 1, lines 25-34; claims 1-8; figures 1-4 * ---	1-10	
A	US-A-3 999 060 (SKAGERLUND) * Claims 1-8; figures 1-6 * ---	1-10	
A	PATENT ABSTRACTS OF JAPAN, vol. 9, no. 123 (E-317)[1846], 28th May 1985; & JP-A-60 10 933 (ZENERARU K.K.) 21-01-1985 * Abstracts * -----	1-10	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			H 04 B H 03 F
The present search report has been drawn up for all claims			
Place of search	Date of completion of the search	Examiner	
THE HAGUE	29-05-1989	FILBRANDT P.W.M.	
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			